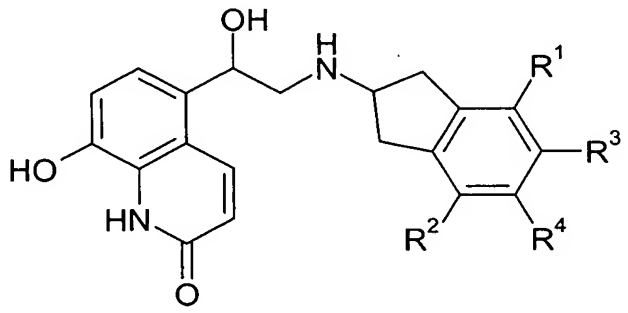
Patent Claims

1) A composition comprising one or more salts of tiotropium **1** and one or more pharmacologically acceptable salts of a compound of formula **2'**



2'

wherein

R^1 and R^2 which may be identical or different denote hydrogen or C_1-C_4-alkyl;

R^3 and R^4 which may be identical or different denote hydrogen, C_1-C_4-alkyl, -O-C_1-C_4-alkyl, - C_1-C_4-alkylene-O-C_1-C_4-alkyl or

R^3 and R^4 together denote one of the bridging groups

- C_1-C_4-alkylene- or -O-C_1-C_4-alkylene-O-; together with a pharmaceutically acceptable carrier.

2) The composition according to claim 1 wherein the one or more salts of tiotropium **1** is in the form of the chloride, bromide, iodide, methanesulphonate, paratoluene sulphonate or methyl sulphate.

3) The composition according to claim 1 wherein, for the compound of formula **2'**,

R^1 and R^2 which may be identical or different denote hydrogen, methyl or ethyl;

R^3 and R^4 which may be identical or different denote hydrogen, methyl, ethyl, propyl, butyl, methoxy, ethoxy, methyoxymethyl, or methoxyethyl, or

R^3 and R^4 together denote one of the bridging groups propylene, butylene, -O-ethylene-O- or -O-propylene-O-.

4) The composition according to claim 1 wherein the one or more salts of tiotropium **1** and the one or more pharmacologically acceptable salts of compound **2'** are either present together in a single preparation or are contained in two separate preparations.

5) The composition according to claim 4 wherein the weight ratios of **1** to **2** are in the range from 1:300 to 30:1.

6) The composition according to claim 4 wherein a single application corresponds to a dosage of the combination of active substances **1** and **2** of 0.01 to 10000μg.

7) The composition according to claim 4 that it is in the form of a formulation suitable for inhalation.

8) The composition according to claim 7 wherein the form is selected from the group consisting of inhalable powders, propellant-containing metering aerosols and propellant-free inhalable solutions or suspensions.

9) The composition according to claim 8 comprising an inhalable powder which contains **1** and **2** in admixture with suitable physiologically acceptable excipients selected from the group consisting of monosaccharides, disaccharides, oligo- and polysaccharides, polyalcohols, salts, and mixtures of these excipients.

10) The composition according to claim 9 wherein the excipient has a maximum average particle size of 250μm.

11) The composition according to claim 9 contained in a capsule.

12) The composition according to claim 8 in the form of an inhalable powder consisting essentially of active substances **1** and **2**.

13) The composition according to claim 8 in the form of a propellant-containing inhalable aerosol comprising active substances **1** and **2** in dissolved or dispersed form.

14) The composition according to claim 8 in the form of a propellant-free inhalable solution or suspension comprising water, ethanol or a mixture of water and ethanol as a solvent.

15) A method for treating inflammatory or obstructive diseases of the respiratory tract comprising the administration to a patient of a therapeutically effective amount of the composition according to claim **1**.